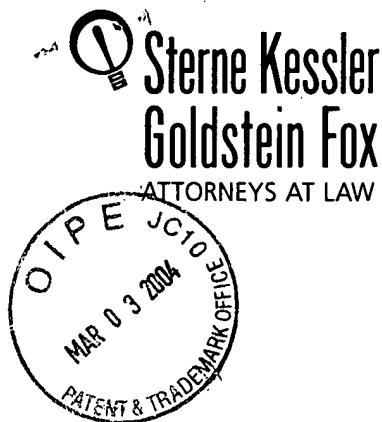


Image 2811



Robert Greene Sterne  
Edward J. Kessler  
Jorge A. Goldstein  
David K.S. Cornwell  
Robert W. Esmond  
Tracy-Gene G. Durkin  
Michele A. Cimbala  
Michael B. Ray  
Robert E. Sokohl  
Eric K. Steffe  
Michael Q. Lee  
Steven R. Ludwig  
John M. Covert  
Linda E. Alcorn  
Robert C. Millonig  
Lawrence B. Bugaisky  
Donald J. Featherstone  
Michael V. Messinger

Judith U. Kim  
Timothy J. Shea, Jr.  
Patrick E. Garrett  
Heidi L. Kraus  
Edward W. Yee  
Albert L. Ferro  
Donald R. Banowitz  
Peter A. Jackman  
Teresa U. Medler  
Jeffrey S. Weaver  
Kendrick P. Patterson  
Vincent L. Capuano  
Eldora Ellison Floyd  
Thomas C. Fiala  
Brian J. Del Buono  
Virgil Lee Beaton  
Kimberly N. Reddick  
Theodore A. Wood

Elizabeth J. Haanes  
Joseph S. Ostroff  
Frank R. Cottingham  
Christine M. Lhulier  
Rae Lynn Prengaman  
Jane Shershenovich  
Lawrence J. Carroll  
George S. Bardmesser  
Daniel A. Klein  
Jason D. Eisenberg  
Michael D. Specht  
Andrea J. Kamage  
Tracy L. Muller  
LuAnne M. DeSantis  
John J. Figueroa  
Ann E. Summerfield  
Tiera S. Coston  
Aric W. Ledford

Michael D. Specht  
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Nicole O. Dretar  
Ted J. Ebersole  
  
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Mita Mukerjee  
Scott M. Woodhouse  
  
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Kenneth C. Bass III  
Evan R. Smith  
Marvin C. Guthrie  
\*Admitted only in Maryland  
\*Admitted only in Virginia  
\*Practice Limited to Federal Agencies

March 3, 2004

**WRITER'S DIRECT NUMBER:**  
(202) 772-8629  
**INTERNET ADDRESS:**  
DONF@SKGF.COM

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**Art Unit 2811**

Re: U.S. Utility Patent Application  
Application No. 10/697,286; Filed: October 31, 2003  
For: **Memory Cell for Modification of Default Register Values in a  
Integrated Circuit Chip**  
Inventors: Catalasan *et al.*  
Our Ref: 1875.4360004

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Statement Under 37 C.F.R. 3.73(b);
2. Power of Attorney From Assignee; and
3. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents  
March 3, 2004  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to read "Donald J. Featherstone", with a long horizontal flourish extending to the right.

Donald J. Featherstone  
Attorney for Applicants  
Registration No. 33,876

DJF/crf  
Enclosure

#236478.1

## POWER OF ATTORNEY FROM ASSIGNEE

**Broadcom Corporation**, a corporation of **California**, having a principal place of business at **16215 Alton Parkway, Irvine, California 92618-3616**, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on October 20, 2003 of an invention known as **Memory Cell for Modification of Default Register Values in an Integrated Circuit Chip** (Attorney Docket No. **1875.4360004**), which is disclosed and claimed in a patent application of the same title by the inventor(s) **Manolito M. Catalasan, Vafa J. Rakshani, Edmund H. Spittles, Tim Sippel and Richard Unda** (said application filed on October 31, 2003 at the U.S. Patent and Trademark Office, having Application Number 10/697,286).

The Assignee hereby appoint the U.S. attorneys James D. Bennett, Registration No. 37,550, Jeffrey DeRoy Wheeler, Registration No. 39,066; Noel Benjamin Whitley, Registration No. 42,225; and Harry Shannon Tyson, Jr., Registration No. 42,193, of Broadcom Corporation, 16215 Alton Parkway, Irvine, CA 92618-3616, and the attorneys associated with **CUSTOMER NUMBER 28393** to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith, such attorneys currently being: Robert Greene Sterne, Esq., Reg. No. 28,912; Edward J. Kessler, Esq., Reg. No. 25,688; Jorge A. Goldstein, Esq., Reg. No. 29,021; David K.S. Cornwell, Esq., Reg. No. 31,944; Robert W. Esmond, Esq., Reg. No. 32,893; Tracy-Gene G. Durkin, Esq., Reg. No. 32,831; Michele A. Cimbala, Esq., Reg. No. 33,851; Michael B. Ray, Esq., Reg. No. 33,997; Robert E. Sokohl, Esq., Reg. No. 36,013; Eric K. Steffe, Esq., Reg. No. 36,688, Michael Q. Lee, Esq., Reg. No. 35,239; Steven R. Ludwig, Esq., Reg. No. 36,203; John M. Covert, Esq., Reg. No. 38,759; Linda E. Alcorn, Esq., Reg. No. 39,588; Lawrence B. Bugaisky, Esq., Reg. No. 35,086; Donald J. Featherstone, Esq., Reg. No. 33,876; Robert C. Millonig, Esq., Reg. No. 34,395; Michael V. Messinger, Esq., Reg. No. 37,575; Judith U. Kim, Esq., Reg. No. 40,679; Timothy J. Shea, Jr., Esq., Reg. No. 41,306; and Patrick E. Garrett, Esq., Reg. No. 39,987. The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

**Send correspondence to:**

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
1100 New York Avenue, N.W.  
Washington, D.C. 20005-3934  
U.S.A.

**Direct phone calls to 202-371-2600.**

FOR: ~~Broadcom Corporation~~

**SIGNATURE:**

BY: Dee Henderson

**TITLE:** Manager, Intellectual Property Portfolio

DATE:



PTO/SB/96 (08-03)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**

1875.4360004

Applicant/Patent Owner: Manolito M. Catalasan, Vafa J. Rakshani, Edmund H. Spittles, Tim Sippel and Richard Unda

Application No./Patent No.: 10/697,286 Filed/Issue Date: October 31, 2003

Entitled: MEMORY CELL FOR MODIFICATION OF DEFAULT REGISTER VALUES IN AN INTEGRATED CIRCUIT CHIP

Broadcom Corporation, a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
  2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ % in the patent application patent identified above by virtue of either:
- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

February 27, 2004  
Date  
949450 8700  
Telephone number

Dee Henderson  
Typed or printed name  
[Signature]  
Signature  
Manager, IP Portfolio  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**DO NOT FORWARD  
TO ASSIGNMENT BRANCH  
NOT FOR RECORDATION**

Docket No. 1875.4360004/BP 3030.4

**ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventor(s): 1) Manolito M. Catalasan, 2) Vafa J. Rakshani, 3) Edmund H. Spittles, 4) Tim Sippel and 5) Richard Unda, the undersigned inventor(s) hereby sell(s) and assign(s) to Broadcom Corporation (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

*check applicable box(es)*

- ☒ for the United States of America (as defined in 35 U.S.C. § 100),  
☒ and throughout the world,

(a) in the invention(s) known as Memory Cell for Modification of Default Register Values in an Integrated Circuit Chip for which application for patent in the United States of America has been executed by the undersigned on 1) 10/29/03 2) 10/29/03 3) 10/29/03 and 5) 10/30/03 (also known as United States Application No. to be assigned, filed herewith), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

10/29/03  
57  
10/31/03

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventor(s) agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

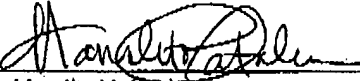
The undersigned inventor(s) agree(s) to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s)

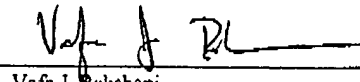
thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventor(s) hereby represent(s) that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant(s) James D. Bennett, Registration No. 37,550, Jeffrey DeRoy Wheeler, Registration No. 39,066; Noel Benjamin Whitley, Registration No. 42,225; and Harry Shannon Tyson, Jr., Registration No. 42,193, of Broadcom Corporation, 16215 Alton Parkway, Irvine, CA 92618-3616, and Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Genè G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration No. 35,239; Steven R. Ludwig, Esquire, Registration No. 36,203; John M. Covert, Esquire, Registration No. 38,759; Linda E. Alcorn, Esquire, Registration No. 39,588; Lawrence B. Bugaisky, Esquire, Registration No. 35,086; Donald J. Featherstone, Esquire, Registration No. 33,876; Robert C. Millonig, Esquire, Registration No. 34,395; Michael V. Messinger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; and Patrick E. Garrett, Esq., Registration No. 39,987; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Washington, D.C. 20005-3934 power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date opposite his/her name.

Date: 10/30/03 Signature of Inventor:   
Manolito M. Catalasan

Date: 10/30/03 Signature of Inventor:   
Vafa J. Rakshani

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Edmund H. Spittles

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Tim Sippel

Date: 10/30/03 Signature of Inventor:   
Richard Unda

SKGF\_DC1:193705.1

Docket No. 1875.4360004/BP 3030.4

**ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventor(s): 1) Manolito M. Catalasan, 2) Vafa J. Rakshani, 3) Edmund H. Spittles, 4) Tim Sippel and 5) Richard Unda, the undersigned inventor(s) hereby sell(s) and assign(s) to Broadcom Corporation (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

*check applicable box(es)*

- ☒ for the United States of America (as defined in 35 U.S.C. § 100),
- ☒ and throughout the world,

(a) in the invention(s) known as Memory Cell for Modification of Default Register Values in an Integrated Circuit Chip for which application for patent in the United States of America has been executed by the undersigned on 1) 30 Oct 03, 2) 4 and 5) 30 Oct 03 (also known as United States Application No. to be assigned, filed herewith), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventor(s) agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

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Docket No. 1875.4360004/BP 3030.4

thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

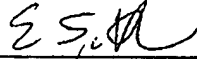
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IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date opposite his/her name.

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Manolito M. Catalasan

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Vafa J. Rakshani

Date: 30 Oct 2003 Signature of Inventor:   
Edmund H. Spittles

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Tim Sippel

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Richard Unda

SKOF\_DC1:193705.1



Docket No. 1875.4360004/BP 3030.4

**ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventor(s): 1) Manolito M. Catalasan, 2) Vafa J. Rakshani, 3) Edmund H. Spittles, 4) Tim Sippel and 5) Richard Unda, the undersigned inventor(s) hereby sell(s) and assign(s) to Broadcom Corporation (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

*check applicable box(es)*

- ☒ for the United States of America (as defined in 35 U.S.C. § 100),
- ☒ and throughout the world,

(a) in the invention(s) known as Memory Cell for Modification of Default Register Values in an Integrated Circuit Chip for which application for patent in the United States of America has been executed by the undersigned on 1) \_\_\_\_\_, 2) \_\_\_\_\_, 3) \_\_\_\_\_, 4) 10/30/03 and 5) \_\_\_\_\_ (also known as United States Application No. to be assigned, filed herewith), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

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Docket No. 1875.4360004/BP 3030.4

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IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date opposite his/her name.

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Manolito M. Catalasan

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Vafa J. Rakshani

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Edmund H. Spittles

Date: 10/30/03 Signature of Inventor: Tim Sippel  
Tim Sippel

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Richard Unda